

## XP-002252810

AN - 2000-601004 [57]

AP - SG19950000660 19950619

CPY - UYSI-N

DC - A60 A89 A96 D22 E36 G02

FS - CPI

IC - C08K5/01 ; C08L101/00

IN - ON H C S; QIN X G

MC - A08-A01 A08-E01 A08-F01 A08-M01 A08-P01 A08-R01 A12-L02A A12-V02A  
D09-E E05-U02 G02-A03 G02-A05

PA - (UYSI-N) UNIV SINGAPORE NAT

PN - SG72598 A1 20000523 DW200057 C08K5/01 016pp

PR - SG19950000660 19950619

XA - C2000-179785

XIC - C08K-005/01 ; C08L-101/00

AB - SG72598 NOVELTY - Ultraviolet (UV) light stabilized polymer composition used in manufacture of optical devices comprises fullerene or fullerenes mixture.

- DETAILED DESCRIPTION - An ultraviolet (UV) light stabilized polymer composition comprises a fullerene or a fullerenes mixture.

- INDEPENDENT CLAIMS are included for:

- (I) a plastic film comprising the above composition; and

- (II) a coating material comprising the above composition.

- USE - Compositions are used in manufacture of optical devices, particularly sunglasses, intraocular lenses and contact lenses; in industrial applications such as solar energy collectors, polymeric coatings, transparent plastic films, fluorescent light diffusers, packaging materials, vinyl window coverings, automobile paints and interior coatings, epoxys, fiberglass constructions etc.

- ADVANTAGE - Monomers result in formation of copolymers with increased stability, resistance to degradation upon exposure to UV light with decreased extractability and volatility.

- (Dwg.1/2)

IW - ULTRAVIOLET LIGHT POLYMER COMPOSITION MANUFACTURE OPTICAL DEVICE  
COMPRISE MIXTURE

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INW - ON H C S; QIN X G

NC - 001

OPD - 1995-06-19

ORD - 2000-05-23

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TI - UV light stabilized polymer composition used in manufacture of optical devices comprising fullerene or fullerenes mixture